

CLAIMS

1. Air transport device for plastic vessels equipped with a projecting collar and equipped with a sliding lane (5) that enters below the vessel collar and with guides (10) and (11) of the vessel body (2) placed in a sliding recess of said body, characterised in
5 that it provides adjusting means (18) of the vertical guide position with respect to the sliding lane and adjusting means (19) of the horizontal guide position with respect to the vertical vessel axis or the sliding lane, said means being able to be simultaneously driven through a processor in which characteristic dimensional data of the various vessels to be transported are entered.
- 10 2. Air transport device according to claim 1, characterised in that it provides adjusting means (19) of the horizontal position of the guides (10) and (11) each one of which comprises a ratio-motor (16) meshing with an horizontal threaded bar (13) at one of whose ends a guide securing clamp is fixed, said adjusting means being supported by a block (14) that can translate vertically.
- 15 3. Air transport device according to claim 1, characterised in that it provides adjusting means (18) of the vertical position of the guides (10) and (11) comprising at least one ratio-motor (17) that rotates a vertical threaded bar (15) passing through the supporting block (14).
- 20 4. Air transport device according to claim 1, characterised in that it provides adjusting means for the vertical position comprising a single ratio-motor (17) for adjusting the vertical position of both guides, the two vertical threaded bars being connected through an horizontal shaft and two bevel gear pairs.
- 25 5. Air transport device according to claim 1, characterised in that it comprises a gasket (20) made of soft material that closes the channel in which the vessel bodies slide.